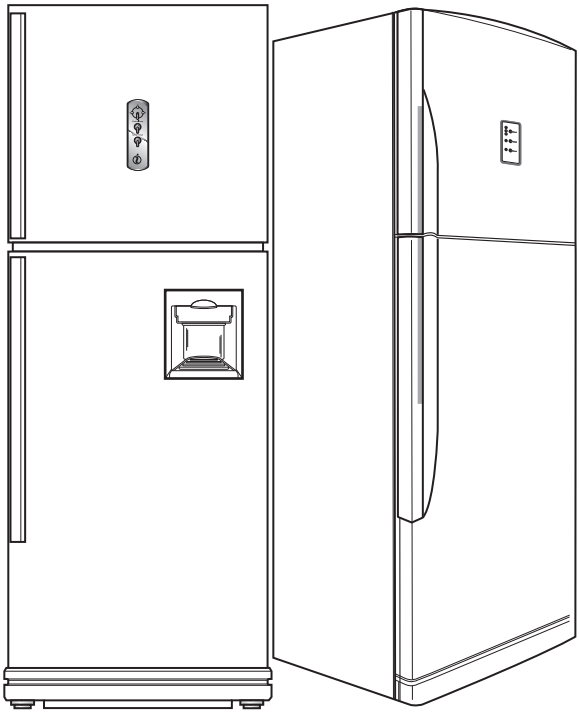
ENGLISH/ESPAÑOL

SAMSUNG

REFRIGERATOR
RT 47/43/38/32

Instruction Manual



DA99-00345M REV (0.1)

Safety Precautions

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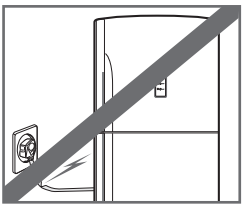
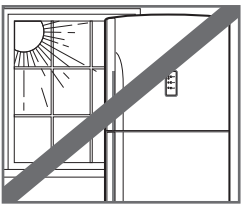
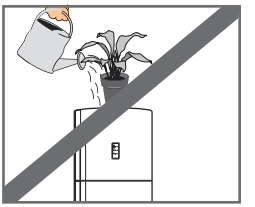
Before using your fridge/freezer, read the safety precautions below and the instructions in the rest of the manual. Keep the Instruction Manual in a handy place for future reference and remember to hand it over to the subsequent owner, if you ever sell the appliance.



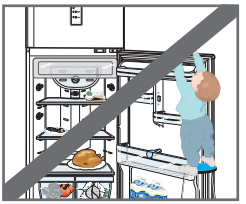
DO NOT use the fridge/freezer if it is faulty or damaged.Unplug it from the power supply and call your local service centre.
If the power cord is damaged, have it replaced by the manufacturer, an approved service centre or a qualified electrician.



DO NOT expose the fridge/freezer to direct sunlight.
DO NOT install it next to a source of heat (oven, radiator).
If you must install the fridge/freezer near a source of heat, ensure that there is sufficient insulation between the two appliances.



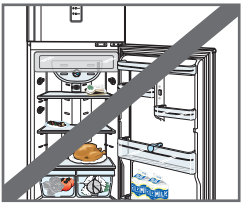
DO NOT allow water to splash or run on to the back of the fridge/ freezer.
Water impairs the insulation of the electrical parts and may cause an electric short circuit or risk of electric shock.



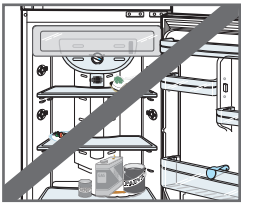
DO NOT allow children to:

- Play in or around the fridge/freezer
- Hang on the refrigerator door

Children may be injured and the appliance may be damaged.



To maintain the efficiency of your fridge/freezer, DO NOT leave the doors open for any longer than necessary.
Make sure that the doors are carefully pushed closed at all times.



DO NOT store volatile chemicals, such as ether and benzene, in the fridge/freezer. Besides damaging the food, the fumes can build up and cause an explosion.
DO NOT use flammable sprays, such as lacquer or paint, near the fridge/freezer.

Thank you for purchasing a SAMSUNG fridge/freezer.

Please take the time to read these instructions, as they will enable you to take full advantage of your new appliance.

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Main Features

Your fridge/freezer is fitted with several useful features, to help you store food as efficiently and as hygienically as possible.

Feature	Description
Auto-defrost	When sufficient frost has accumulated in the fridge/freezer, the auto-defrost feature starts up automatically. The frost is thawed and the thaw water is collected in an evaporation tray, which allows it to evaporate. This operation is fully automatic and requires no intervention by you.
Deodorizer *(OPTION)*	This integrated ventilation system helps remove odor from the refrigerator, by moving the air in such a way that smells cannot collect and contaminate the food. The bio-deodorizer is located at the top of fresh food compartment.
Chiller compartment *(OPTION)*	The chiller compartment freezes only the surface of the food to help: ◆ Preserve the taste of the food ◆ Prolong the freshness
Adjustable shelves and container(s) (OPTION)	The accessories inside your fridge/freezer can be placed in the positions that best suit your requirements and the food to be stored. The specially large compartments in the bottom of the door are very practical when chilling bottles of drinks for example.

Model Specifications

The instructions in this booklet apply to several models and types.
The main differences between the models concern whether you have:

- *Water Dispenser*
- *A chiller compartment / A multi-purpose drawer*
- *Shelf : Crystal / Tempered glass*
- *Deodorizer*
- *Twist ice maker / Movable ice tray*
- *1 or 2 vegetable bins,Bottle guide, Dairy box, Wine rack, Lock & key etc.*

Important

These appliances are intended for household use only. If you wish to use them for industrial or commercial purposes, you must check that you comply with all applicable standards and regulations.

Type	Models	Handle
A	RT47⋆A, RT43⋆A, RT38⋆A, RT32⋆A RT47⋆B, RT43⋆B, RT38⋆B, RT32⋆B	Bar type
B	RT47⋆C, RT43⋆C, RT38⋆C, RT32⋆C RT47⋆D, RT43⋆D, RT38⋆D, RT32⋆D RT47⋆E, RT43⋆E, RT38⋆E, RT32⋆E	Recessed type
G	RT50W⋆, RT45W⋆ RT50P⋆, RT45P⋆ RT50V⋆, RT45V⋆ RT50S⋆, RT45S⋆ RT50H⋆, RT45H⋆	Vertical Semi-Bar

The illustrations correspond to type B; there may, therefore, be slight differences between them and your actual model.

Choosing Where to Install Your Fridge/Freezer

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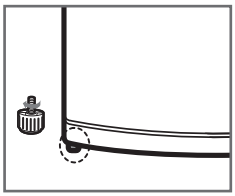
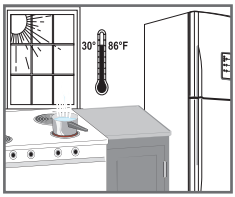
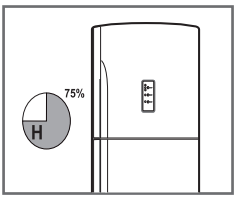
Various factors must be taken into account when choosing where to install your fridge/freezer.



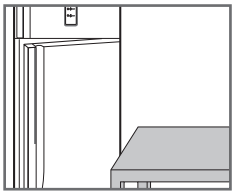
Install the fridge/freezer on a stable, flat surface. Adjust the feet if necessary, referring to page 6 for further details.



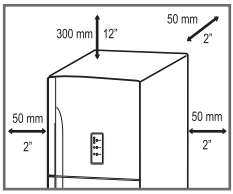
Avoid locations in direct sunlight or near to heaters, radiators, ovens or cookers.



Avoid locations affected by draughts or dampness.



Make sure that you can open the doors freely and without hindrance.



Allow the following clearances around the fridge/freezer:

- 50 mm (2 inches) on all sides
- 300 mm (12 inches) above the fridge/freezer

Earthing the Fridge/Freezer

For the personal safety of you and your family, your fridge/freezer must be:

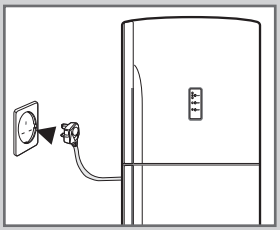
- *Plugged into its own individual wall outlet with the correct voltage and frequency, as indicated inside the refrigerator door*
- *Properly earthed (do not ground the fridge/freezer with a telephone line, gas pipe, and so on)*

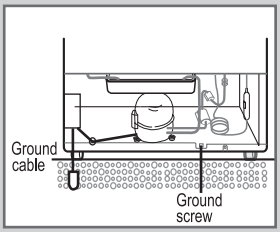
To minimise the possibility of electric shocks from the appliance, the wall outlet must also be earthed; have it checked by a qualified electrician. If it is not earthed, it is your personal responsibility and obligation to have it replaced with a properly earthed outlet, or use a different power point.

If the power cord is damaged, avoid a hazard by replacing it through the manufacturer or its service agent or a similarly qualified person.

In case of power plug without ground terminal.

- Connect one side of the ground wire (yellow/green or green color) with the ground screw, another side of the ground terminal with steel or copper pipe such as water pipe tap.





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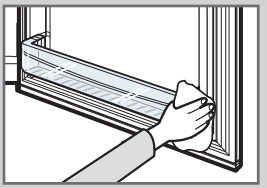
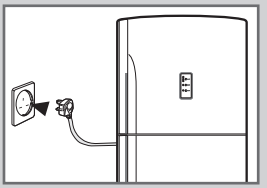
Preparing Your Fridge/Freezer for Use

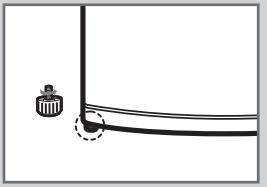


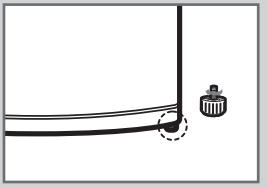


Once you have chosen the position of your fridge/freezer and checked that the wall outlet is correctly earthed, proceed as follows.

1	Make sure that the fridge/freezer is unplugged from the wall outlet.
2	Wipe the appliance clean inside and out Wipe out the appliance warm, soapy water.
3	Allow the fridge/freezer to stabilise for at least one hour before plugging it in for the first time.
4	Plug the power cord into the appropriate earthed wall outlet.
5	Set the refrigerator and freezer temperatures, referring to pages 8 and 10, respectively for further instructions.
6	Wait for 2-3 hours for the freezer to reach the required temperature, before placing frozen food in the freezer.

Adjusting the Feet





To compensate for an uneven floor surface, you can adjust the feet on the front of the fridge/freezer.

If the fridge/freezer leans to the...	**Then turn the...**
Left	Left foot anti-clockwise until the fridge/freezer is level.
Right	Right foot anti-clockwise until the fridge/freezer is level.

- *When you store a lot of food in the guards of the doors, it may be unstable.*
- *In that case, turn the foot clockwise to level up 4 to 7 mm higher than the rear leg.*

Arranging the Accessories

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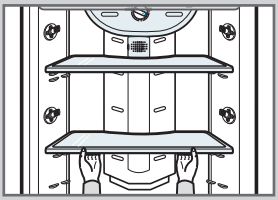
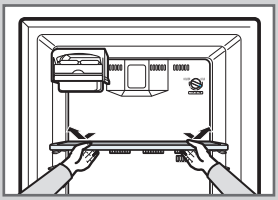
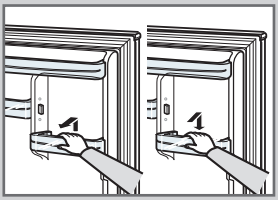
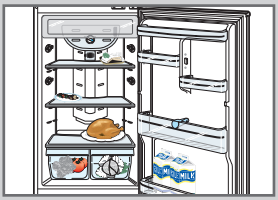
The shelves and compartments inside the refrigerator can be rearranged for greater convenience.

To change the position of...	Then...
A crystal shelf / *A tempered glass shelf*	◆ Pull the shelf towards you until it reaches the stop ◆ Tilt the front of the shelf up and continue pulling the shelf towards you ◆ Slide the shelf back into its new position
A wire shelf	◆ Tilt the front of the shelf up ◆ Pull the shelf out towards you ◆ Slide the shelf back into its new position
An adjustable door pocket	◆ Lift the compartment upwards to release the tabs ◆ Remove the compartment from the door ◆ Align the tabs in the new position ◆ Push the compartment down into place









Arrangement Example for the Refrigerator

Accessory	Suggested Use
Top shelf	Desserts, such as yoghurts
Chiller compartment	Meats and fish
Bottom shelf	Ready-prepared meals
Vegetable bin	Fruit and vegetables
Egg Tray	Eggs
Adjustable door pocket	Cheese, butter
Bottle pocket	Milk, sodas, other drinks
Water tank	Water
Can tray	Cans

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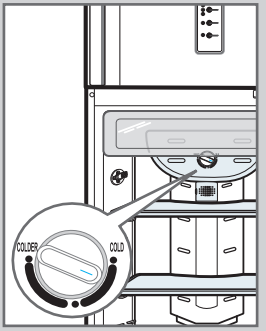
Controlling the Refrigerator Temperature



When setting the refrigerator temperature, you must take into account the following factors:

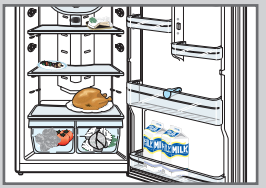
- *The amount of food to be stored*
- *The temperature of the room in which the fridge/freezer is placed*

To store...	Then set the temperature to...
A large amount of food (refrigerator full)	COLDER
An average amount of food	Between COLDER and COLD
A small amount of food (refrigerator relatively empty)	COLD

➢ Depending on the room temperature, you may need to turn the refrigerator up or down slightly. If it is very low set the refrigerator temperature to COLD.

➢ In case of being much foods in fresh food compartment, specially in summer, turn the freezer temperature dial to"COLDER" to direct more cold air into the fresh food compartment and the refrigerator temperature dial to "7~9".
Setting at "COLD" of the freezer temperature dial, the fresh food compartment will not be cold enough.

Storing Food



Follow the recommendations below when storing food in the refrigerator.

1. Put food in containers with lids or in plastic bags or cover it with plastic film to prevent:
   - The food from drying up
   - Smells from permeating other items of food
2. Allow hot food or drinks to cool before placing them in the refrigerator.
3. Leave sufficient room between the items and in front of the ventilation slots to enable the cool air to circulate freely.
4. Try and maintain easy access to the temperature dial in case you need to adjust the temperature.
5. If you have washed any fruit or vegetables, dry them before storing them in the vegetable bin.

Using the Chiller Compartment

OPTION

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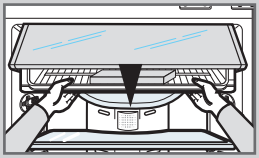
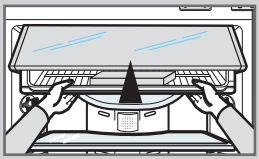
The chiller compartment freezes only the surface of the food to help:

- *Preserve the taste of the food*
- *Prolong the freshness*

Use the chiller compartment to store cheese, meat, fish or any frozen food to be used quickly.





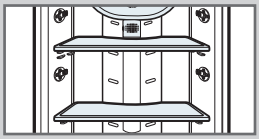
To...	Then...
Open the chiller compartment	Pull the chiller compartment towards you. Result: ◆ The compartment is moved forward for easy access. ◆ The cover opens automatically.
Close the chiller compartment	Push the chiller compartment back as far as it will go. Result: The cover closes automatically.

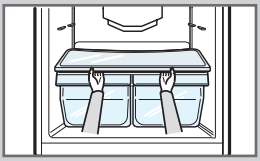
Make sure, however, that the cover is correctly closed before shutting the refrigerator door.

Using the Multi-Purpose Drawer

The multi-purpose drawer can be used as both Chiller compartment and Vegetable bin by changing the location of drawer.

- *Chiller compartment :*
  When drawer is placed under the top shelf.
- *Vegetable bin (humidity adjustable):*
  When drawer is placed between the cover-vegetable and the vegetable bin (In this case, cover-vegetable must be placed one-level upward).

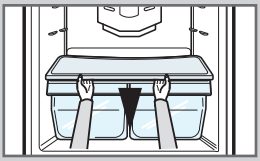




Using the Vegetable Bin

The vegetable bin maintains the moisture and freshness of fruit and vegetables by:

- *Protecting the items from direct draughts of cold air*
- *Maintaining sufficient humidity to prevent the fruit and vegetables from drying out*



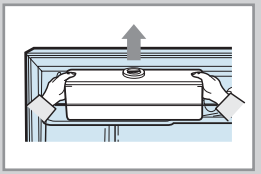
The vegetable bin is not suitable for tropical fruit (bananas, pineapple and so on), which is too fragile: the fruit is damaged and flavour is lost.

To...	Then...
Open the vegetable bin	Pull it towards you.
Close the vegetable bin	Push it back into place.

Functions of Water Dispenser

OPTION

With the water dispenser, you can obtain chilled water easily without opening the refrigerator door.



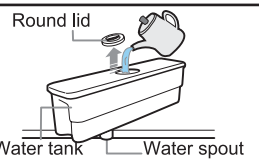
1 **Lift up and pull out the water tank.**

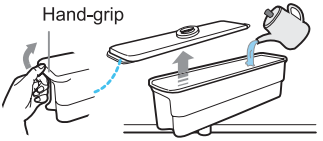
- Hold the handgrips on both sides to lift out the water tank.
- Clean the inside of water tank when using it for the first time.

2 **Fill the water tank with water, ensuring that it is in a stable position, allowing for the extended water supply outlet.**

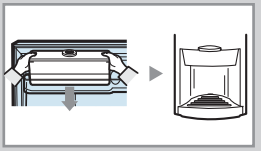
- Fill it with water up to 2,5 l. If it is filled higher than this, it may overflow when the lid is closed.
- It is impossible to fill the tank with water while it is positioned in the refrigerator.

Method 1
Fill the water lifting he round lid in the arrow direction to open.



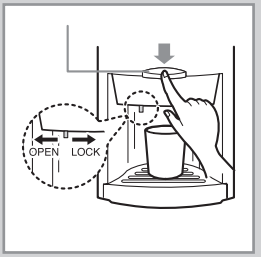


Method 2
Please fill the water after holding and lifting the large lid to open it



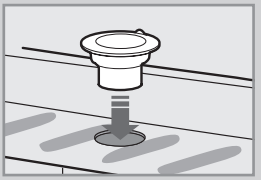
3 **Close the refrigerator door after lifting the water tank.**

- Confirm that the water spout is outside after closing the door.



4 **Press down the water supply lever after placing a cup** on platform.

- Place the cup deep inside to touch the back wall.
- Check that the locking device is set to "Open". Water can only be dispensed on this setting.
- Throw away 2-3 cups of water when using the water dispenser for the first time after installation.
- Approximately 10-15 cups of water are available.



When the water dispenser is not in use.
After removing water tank, tightly insert the cap for sealing in place of water spout, so that cool air escapes.

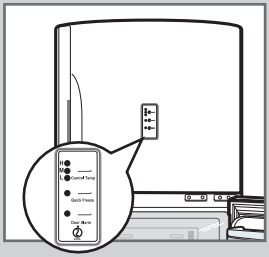
Controlling the Freezer Temperature

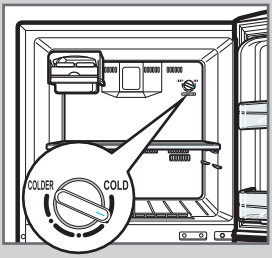
When setting the freezer temperature, you must take into account the following factors:

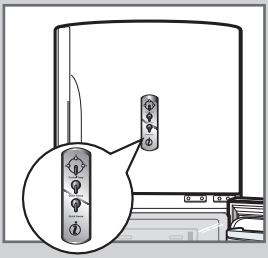
- *The amount of food to be frozen*
- *The temperature of the room in which the fridge/freezer is placed*

To...	Then set the temperature to...
Store large quantities of food (freezer full) Make ice cubes Fast-freeze food	COLDER.
Store an average amount of food	Between COLDER and COLD
Store a small amount of food (freezer relatively empty)	COLD

Depending on the room temperature, you may need to turn the freezer up or down slightly.



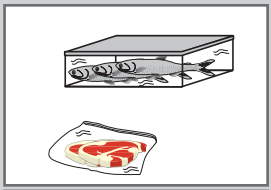


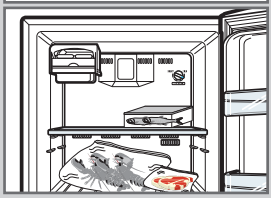


Freezing Food

Follow the recommendations below when storing food in the freezer.

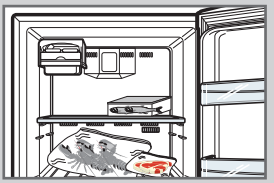
1	Store food in small quantities or as individual servings, so that you can defrost as much or as little as you like.
2	Do not refreeze food that has already been frozen and then defrosted.
3	Put the food to be frozen in containers with lids or in airtight plastic freezer bags, removing any excess air in the bags.
4	Respect the maximum storage times indicated on pre-packed frozen food.
5	Do not place food on top of the evaporation slots.
6	Try and maintain easy access to the temperature dial in case you need to adjust the temperature.
7	Leave the door open for as little time as possible. Make sure that it is properly closed after use.

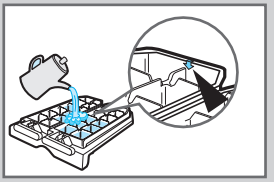


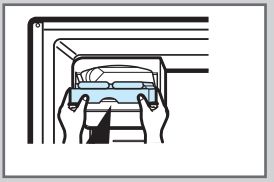


Making Ice Cubes (OPTION)

GB







TWIST ICE MAKER

Making Ice Cubes

1 Remove the ice cube tray by pulling it towards you.

2 Fill the tray with water up to the maximum water level marked on the rear of the tray.

3 Slide the tray back into the holder, taking care not to spill the water.

4 Wait until the ice cubes are formed.

Freezing time: It is recommended that you wait for about one hour with the temperature set to HIGH for the ice cubes to form.

Removing the Ice Cubes

1 Make sure that the ice cube storage bin is in place under the ice cube tray. If not, slide it into place.

2 Twist one of the levers firmly in the clockwise direction until the tray twists slightly.

Result: The ice cubes fall into the storage bin.

3 Repeat Step **2** for the other half of the tray, if necessary.

4 Remove the storage bin by:
- Lifting it slightly
- Pulling it towards you

MOVABLE ICE TRAY

Making ice cubes

1 Remove the ice cube tray by pulling it towards you.

2 Fill the tray with water up to the maximum water level marked on the rear of the tray.

3 Place it under the freezer shelf or on the freezer shelf .

Removing the ice cubes

To remove ice cubes, hold the tray at its ends and twist gently.

Cleaning the Fridge/Freezer

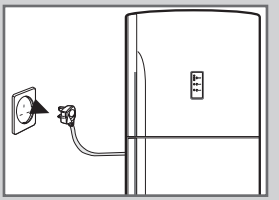
GB

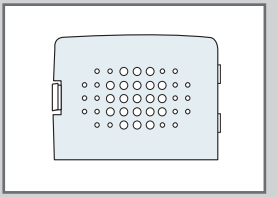
The following parts of your fridge/freezer should be cleaned regularly to prevent food particles from building up:

- *Inside and outside surfaces*
- *Doors and door seals*
- *Accessories (shelves, compartments and ice tray)*

☛ ALWAYS ensure that:

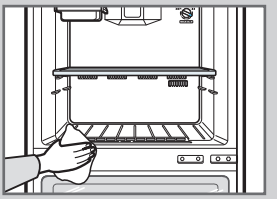
- The door seals are clean
- The doors close properly





1 Whenever possible, unplug the fridge/freezer before cleaning it. If this is not possible, wring any excess moisture out of your sponge or cloth before cleaning around the:

- Lights
- Temperature dials

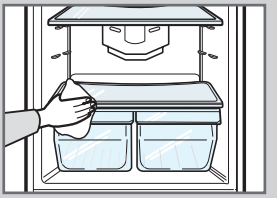


2 Clean the outside surfaces with a soft cloth and warm, soapy water. Rinse and dry.

3 Remove the accessories, referring to page 7 for further details, if necessary. Wash them with a soft cloth or sponge and warm, soapy water. Rinse and dry them.

4 If the refrigerator has an unpleasant smell:

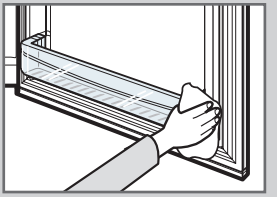
- Remove the bio-deodorizer
- Soak the catalyst in pure water
- Dry it naturally in sunlight
- Put it back into position



5 Wipe the evaporation slots in the freezer with a clean, dry, soft cloth.

☛ DO NOT allow any food particles to clog up these openings or frozen food to cover them.

6 Wipe the inside of the fridge/freezer with a soft cloth and warm, soapy water. Rinse and dry.



7 Carefully clean the door seals with a soft cloth and warm, soapy water. Rinse and dry.

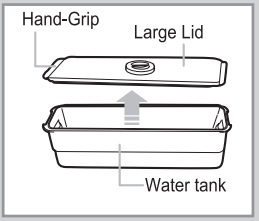
☛ DO NOT damage the seals in any way and make sure that no food particles on the seals prevent the door from closing properly as:

- The temperature will not be maintained correctly
- Electricity will be wasted

How to Clean Water Dispenser

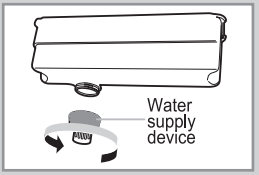
OPTION

GB



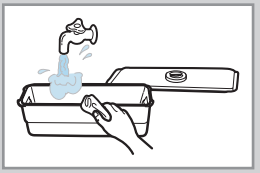
1 **Separate the large lid from water tank after pulling it out.**

- It can be separated from water tank by pulling up the hand grip.

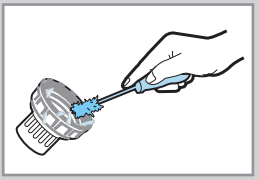


2 **Separate the water tank from water spout.**

- Hold the upper part of water spout and unscrew it in arrow direction.

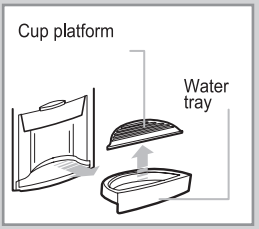


3 **After washing water tank and lid with dishwasher detergent, rinse them with water.**



4 **Clean the water spout with a soft brush.**

- Disassemble and clean occasionally.



5 **How to use the water tray.**

- Frequently empty water collected in the water tray and wipe it out with dry clothe after separating it from cup platform by slightly pressing "PUSH".

- Do not store hot water in the water tank.
- Be careful not to damage or lose the water spout.
- Do not let children mishandle the water spout, it may cause overflow.

Changing the Light Bulb

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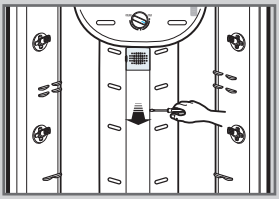
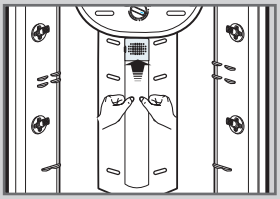
When you open the refrigerator door, a light comes on to help you find what you are looking for more easily. If you need to replace the bulb, proceed as follows.





1. Remove the chiller compartment by:
   - Pulling it towards you until it meets the stop.
   - Tilting the front up slightly and continuing to pull the compartment towards you.
2. With a flat-bladed screwdriver, prise out the upper part of the light cover. Pull the cover free.
3. Unscrew and remove the light bulb.
4. Insert new bulb (maximum of 15 W, E14 small screw base).
5. Replace the light cover by pushing it until it clicks back into place.
6. Replace the chiller compartment by sliding it back into position.

Technical Specifications

Item		Standards					
Model Name		RT47E	RT47M	RT43E	RT43M	RT38*	RT32*
Valid Capacity (ℓ)	Total Valid Capacity	405		365		300	274
	Freezer	94		94		76	76
	Fridge	311		271		224	198
External Dimensions (Width x Depth x Height: mm)		690 x 687 x 1780		690 x 687 x 1690		600 x 647 x 1700	600 x 647 x 1620
Rate Frequency		60Hz					
Rated Voltage		110 V~120 V					
Amphere Consumption (A)		1,7	1,8	1,7	1,8	1,8	1,8
Rated Power Consumption of electric heater		180 W					
Fridge type		Indirect Refrigerator					
Refrigerant		R-134a					
The amount of sealed refrigerant (g)		160					150
Performance of freezer		(4 star)					
Weight (kg)		75		71		65	63

Problems and Solutions

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary call.

Problem	Explanation/Solution
The fridge/freezer is not operating at all and the light does not come on when you open the refrigerator door	◆ Check that the fridge/freezer is correctly plugged in. ◆ Check that the wall outlet is switched on and working correctly.
Food in the freezer does not freeze correctly	◆ Is the temperature set correctly? If ice cream in the freezer is too soft, turn the temperature dial towards COLDER; if it is too hard, turn the dial towards COLD. ◆ Is the room temperature too high? Is the appliance exposed to direct sunlight or a source of heat? Change its position if possible.
Food freezes in the refrigerator	◆ Is the temperature set to COLDER? Turn the temperature dial towards COLD. ◆ Is the room temperature too low? If it is very low, the thermostatic controls may function incorrectly. Increase the temperature in the room or move the fridge/freezer to another position.
The fridge/freezer makes unusual noises	◆ Check that the fridge/freezer is installed on a level, stable surface with sufficient space around it; adjust the front feet if necessary (see page 6 for further details). ◆ Are there any objects behind or under the fridge/freezer? ◆ Is the noise coming from the compressor or does it sound like running water (refrigerant circulating)? These noises are normal.
There is a bad smell in the refrigerator or freezer	◆ Is an item of food going bad? ◆ Is all food stored in sealed containers or covered? ◆ Has dew developed in the vegetable bin? Clean and dry the bin. ◆ Are the evaporation slots at the front of the freezer clogged? Clean and dry them carefully. ◆ Clean the bio-deodorizer (refer to page 12).
Dew develops in the refrigerator	◆ Have you left the door open for a long time? ◆ Is something preventing the door from closing properly? Carefully clean and dry the door seals. ◆ Have you stored food or liquids in a container without a cover? Leave all food and liquids to cool before placing them in the refrigerator and keep them covered.
Frost develops in the freezer	◆ Have you left the door open for a long time? ◆ Is something preventing the door from closing properly? Carefully clean and dry the door seals. ◆ Are the evaporation slots at the front of the freezer clogged? Clean and dry them carefully. ◆ Have you left enough room for the air to circulate? Space the food out as evenly as possible.
The front corners and sides of the appliance are warm and condensation starts to form	◆ Both sides (side–walls) of the refrigerator may be sometimes getting warm or hot, particularly just after the installation. The fridge is not a fault in this case and the heat is due to cluster (hot) pipe. The water condensation may form on the outer surface when the refrigerator is operated under the high humidity circumstance during rainy season. It´s not a fault, wipe with a dry cloth.

If you cannot solve the problem, note:

- *The nature of the problem and any warranty information*
- *The type and model indicated on the centre of the fridge/freezer*

Then contact your local dealer or nearest Samsung after-sales service.

View of Your Fridge/Freezer

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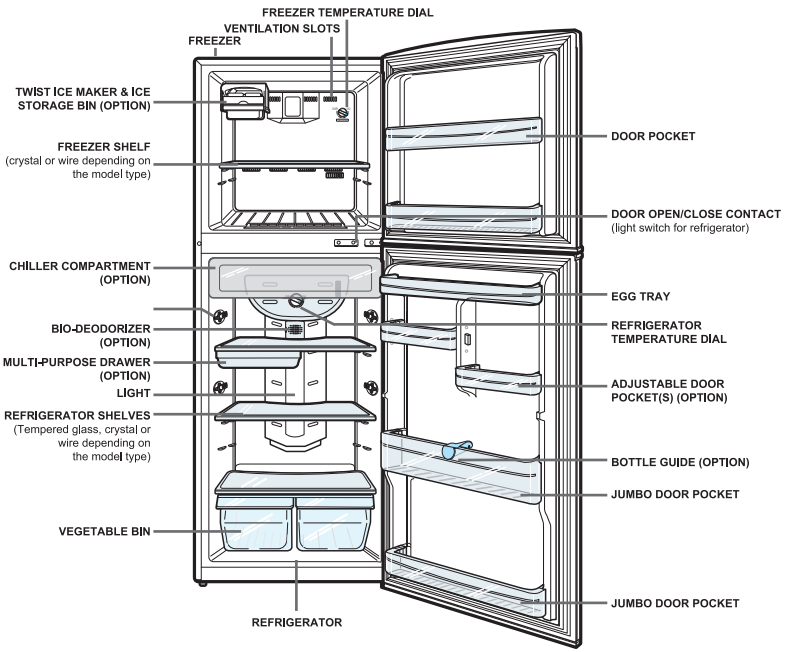

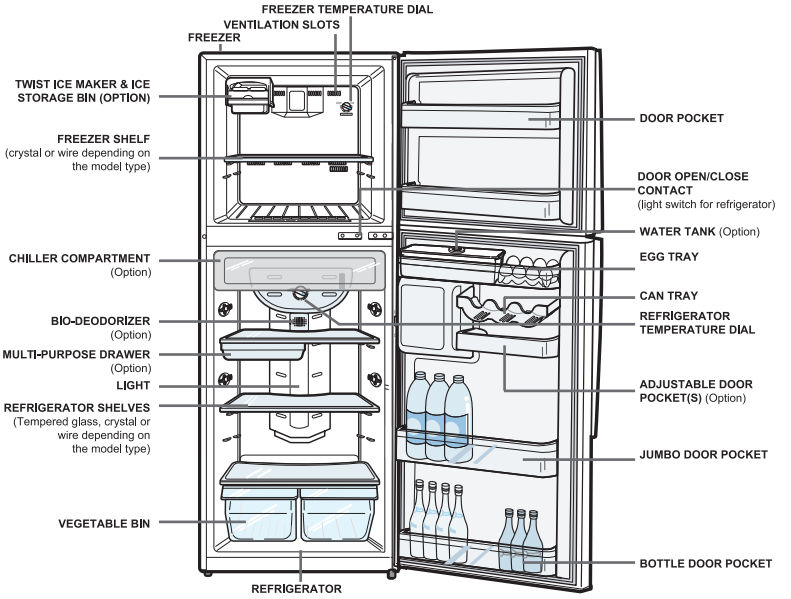

REFRIGERATOR WITH WATER DISPENSER

SAMSUNG
ELECTRONICS